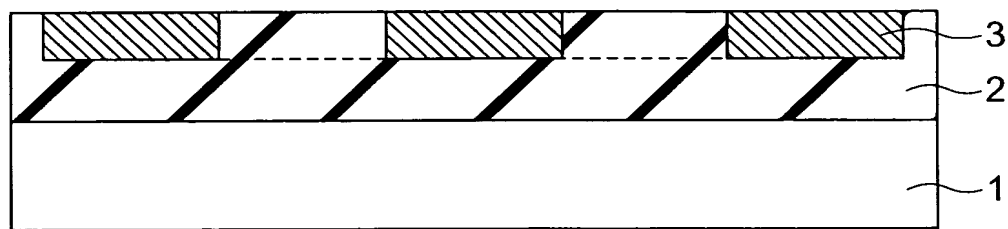


FIG. 1A



**FIG. 1B**

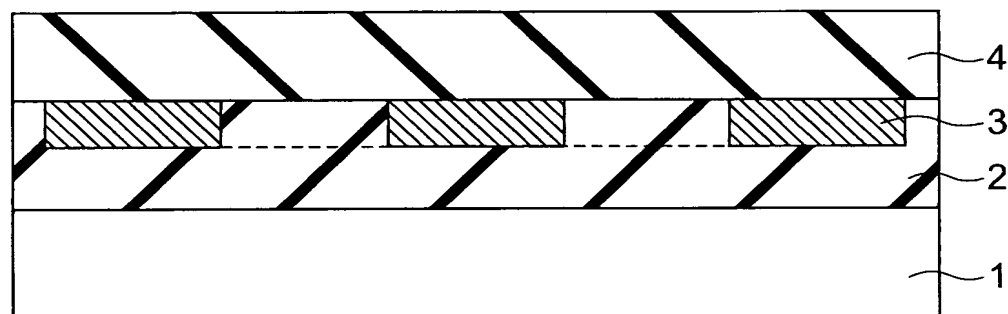


FIG. 1C

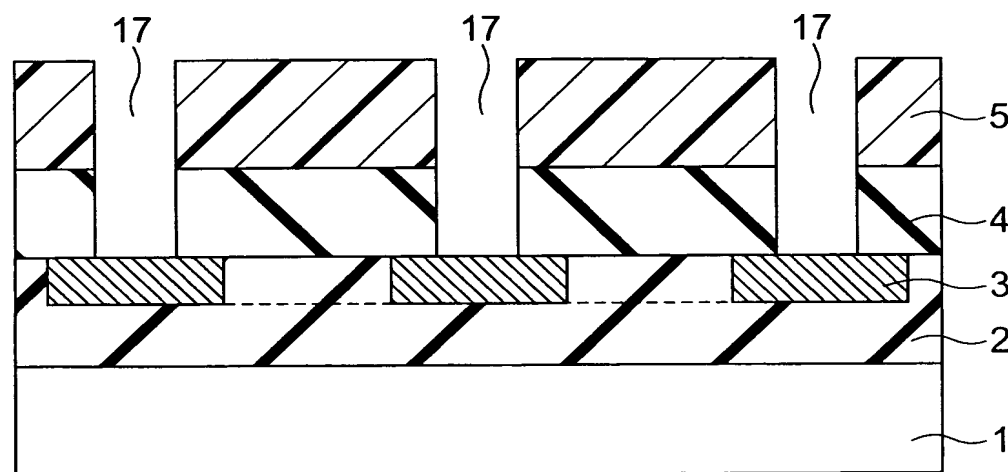


FIG. 1D

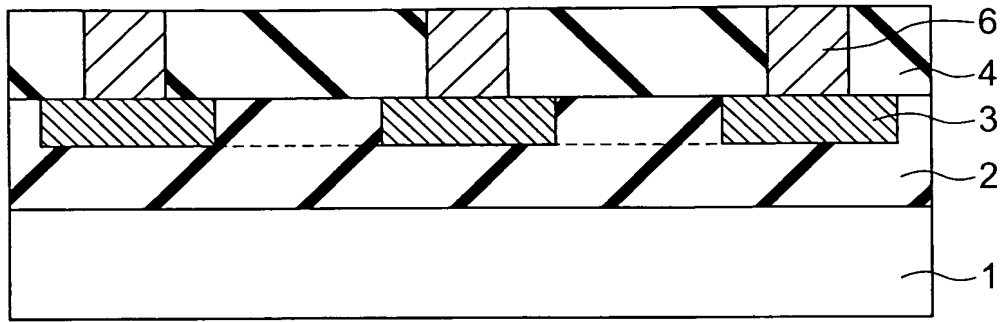


FIG. 2A

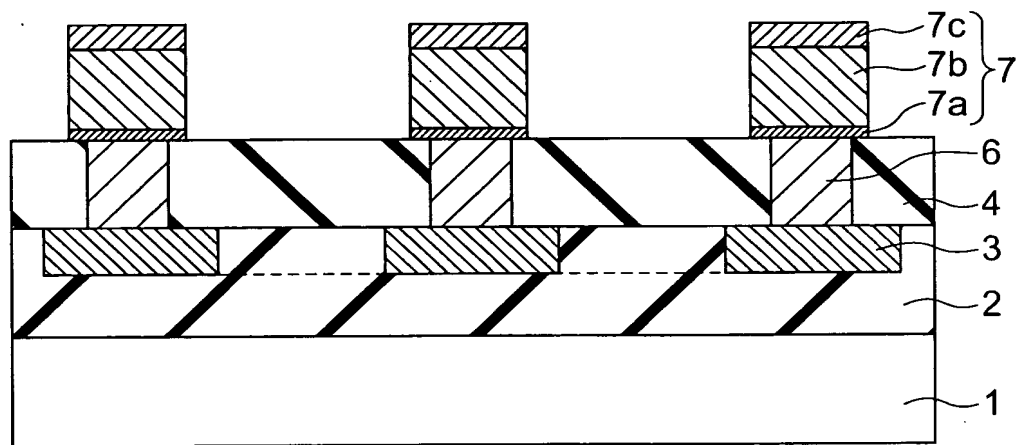


FIG. 2B

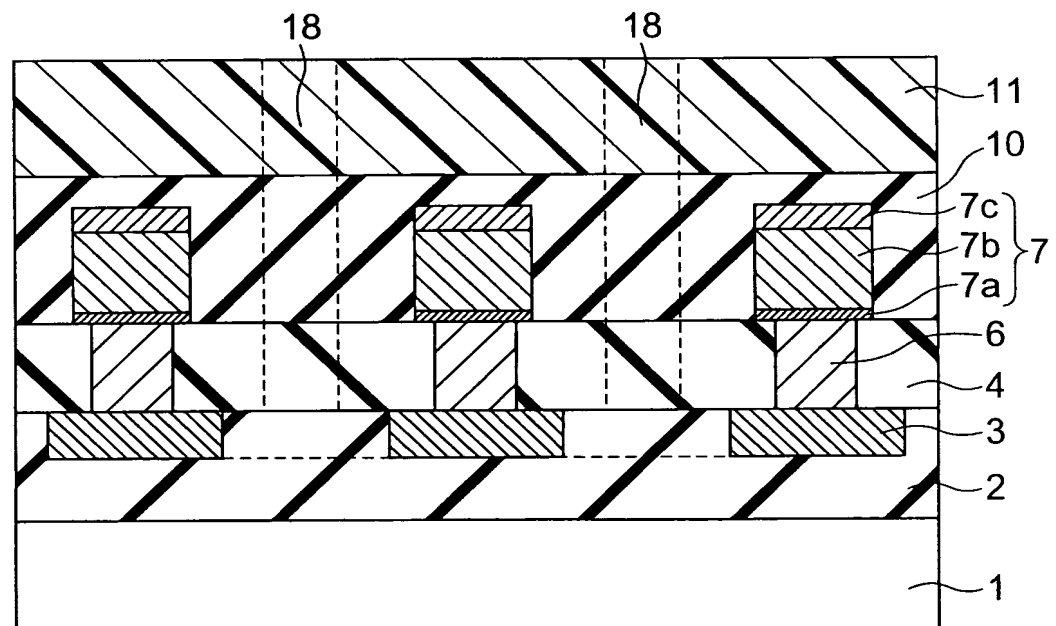


FIG. 2C

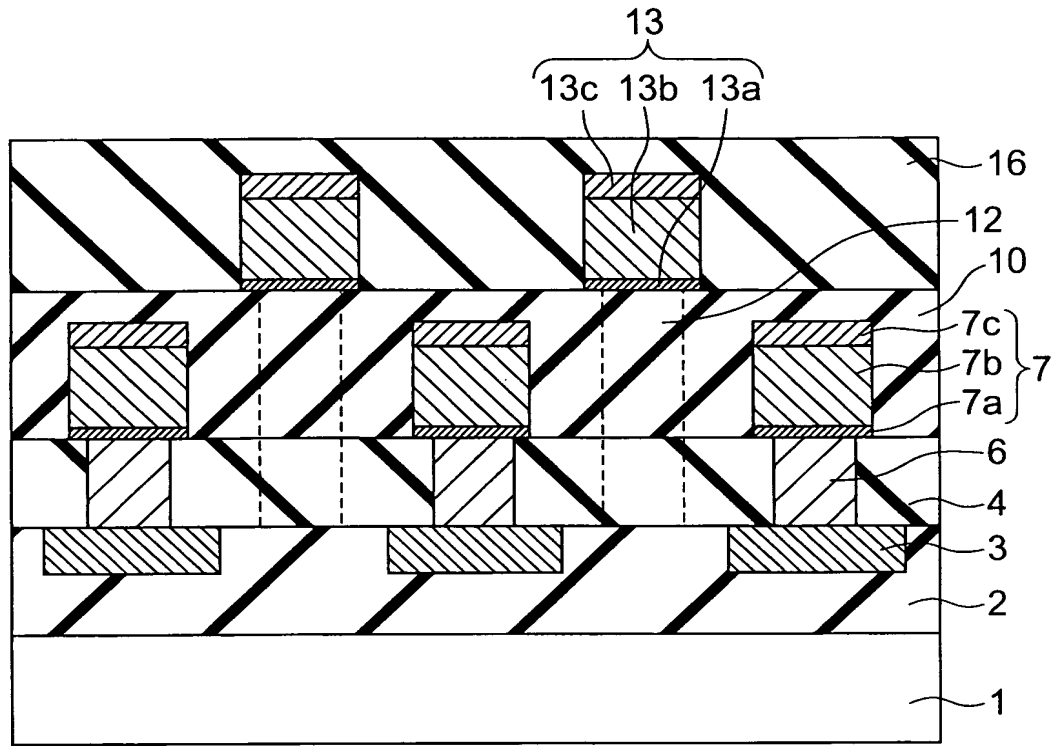


FIG. 3

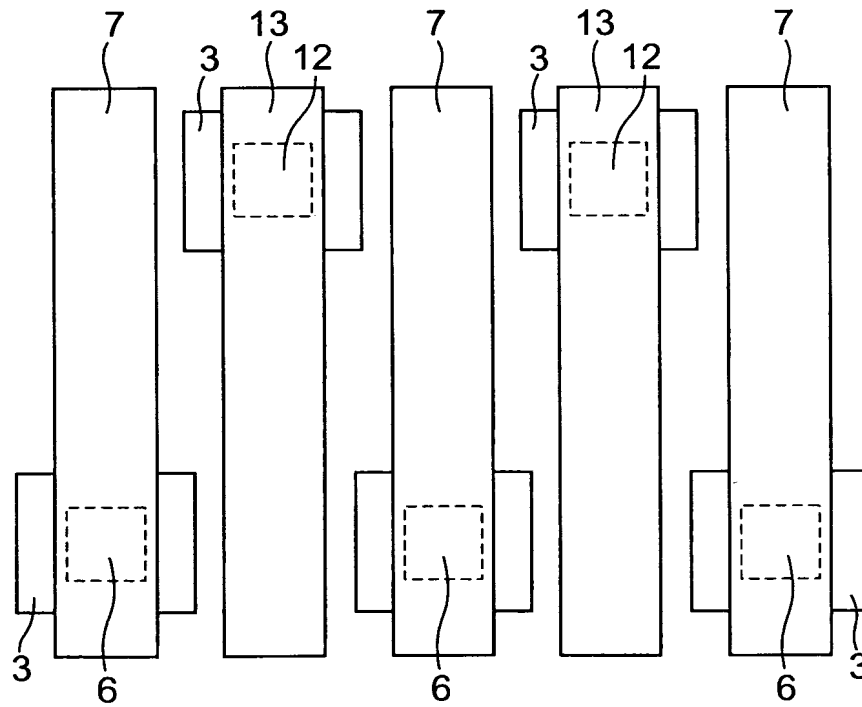


FIG. 4

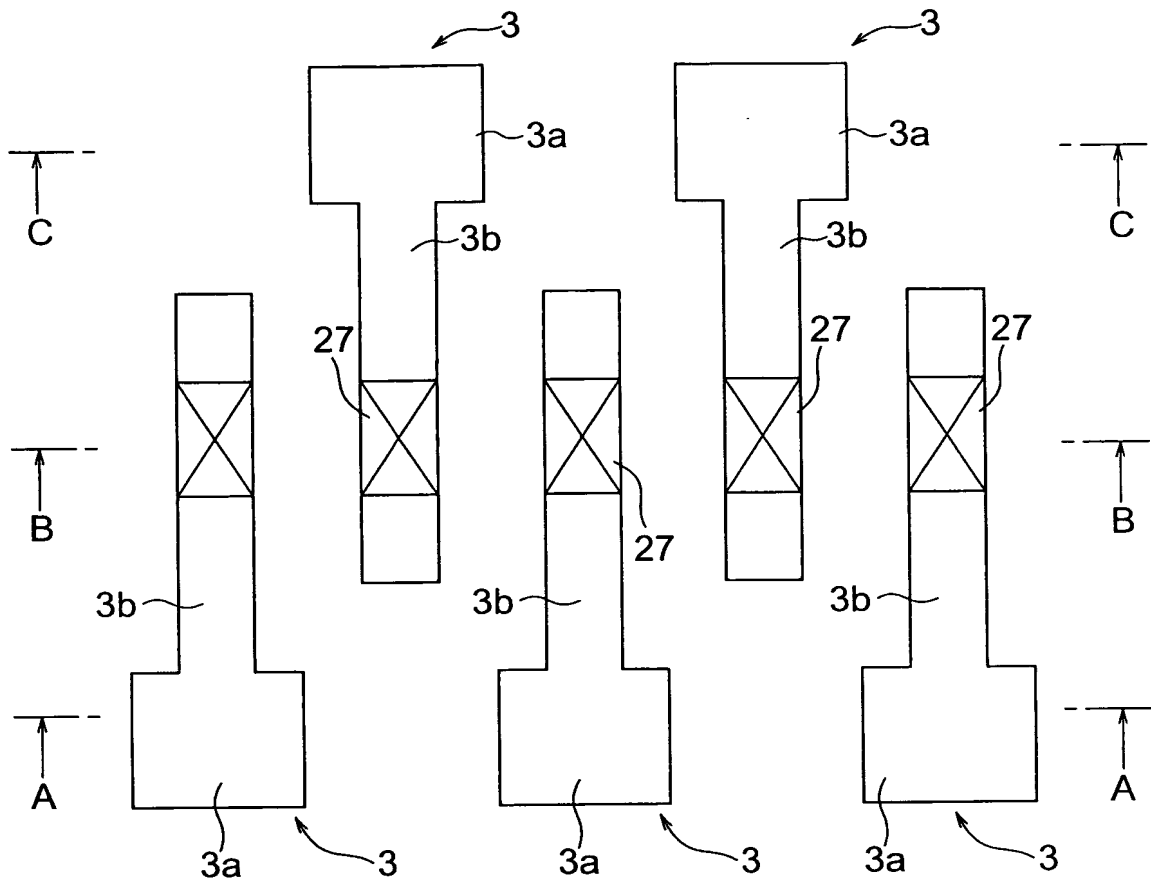
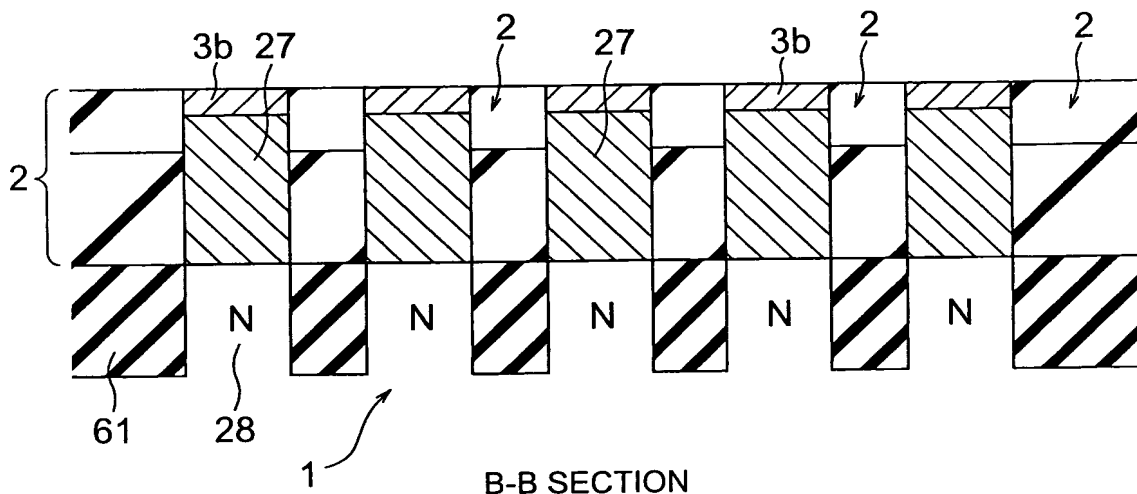


FIG. 5



B-B SECTION

FIG. 6



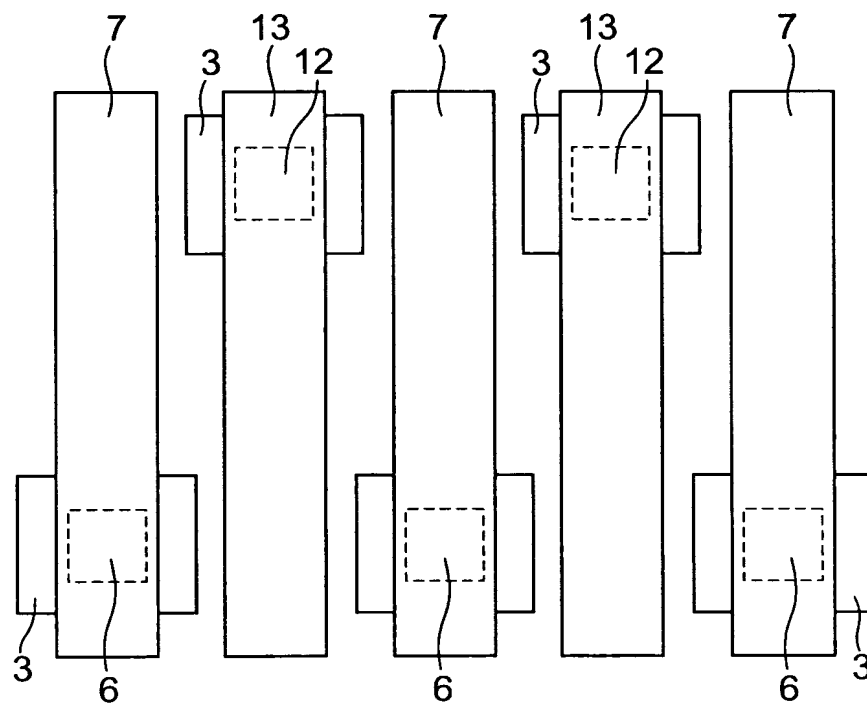


FIG. 8

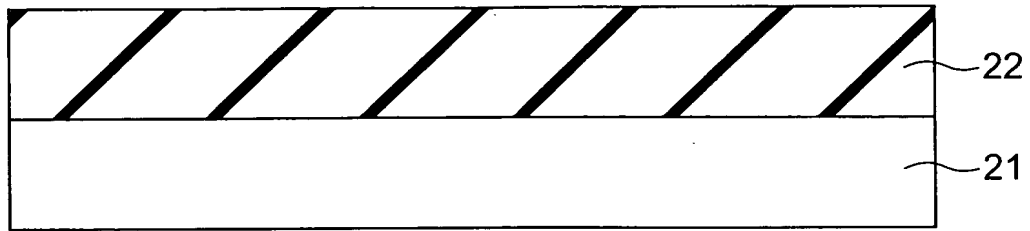


FIG. 9A PRIOR ART

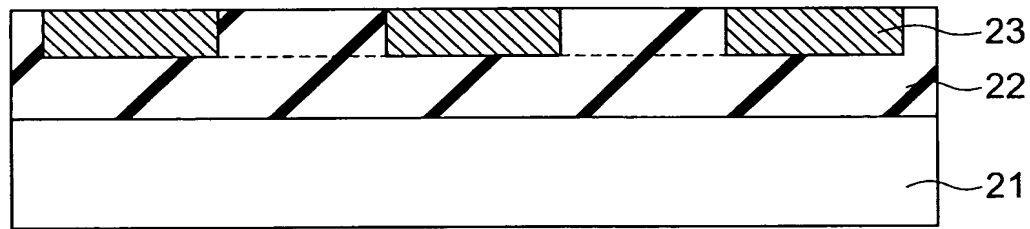


FIG. 9B PRIOR ART

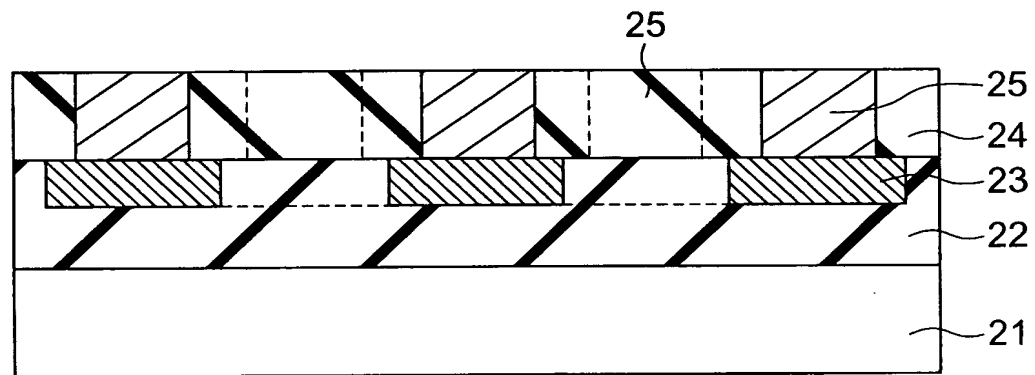


FIG. 9C PRIOR ART

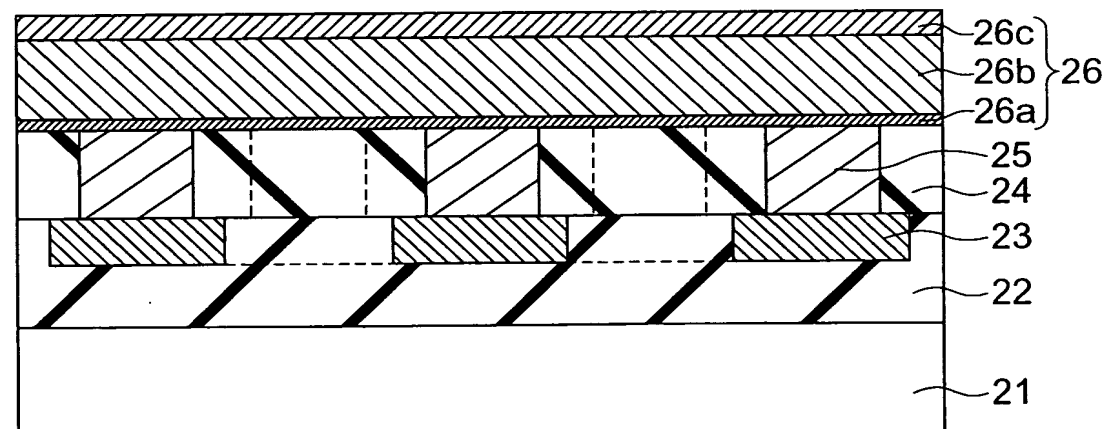


FIG. 9D PRIOR ART

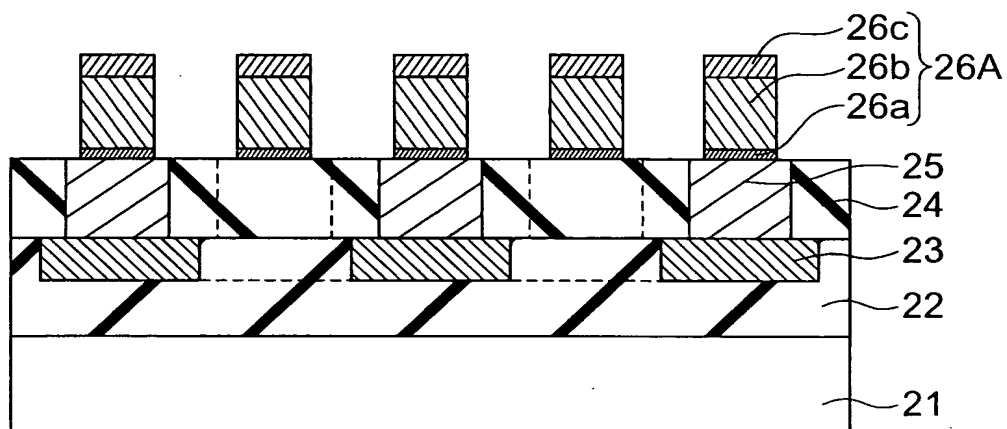


FIG. 10A PRIOR ART

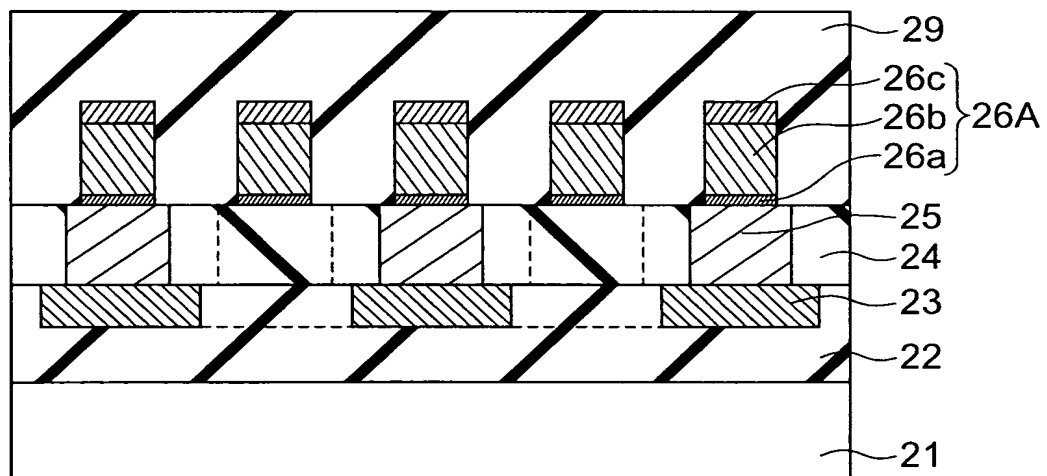


FIG. 10B PRIOR ART



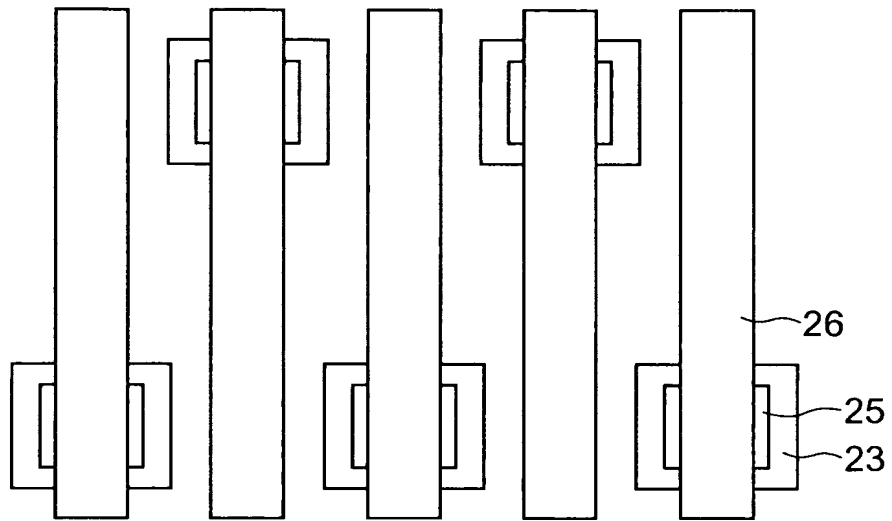


FIG. 11 PRIOR ART

## ELECTROMIGRATION CHARACTERISTICS OF WIRING

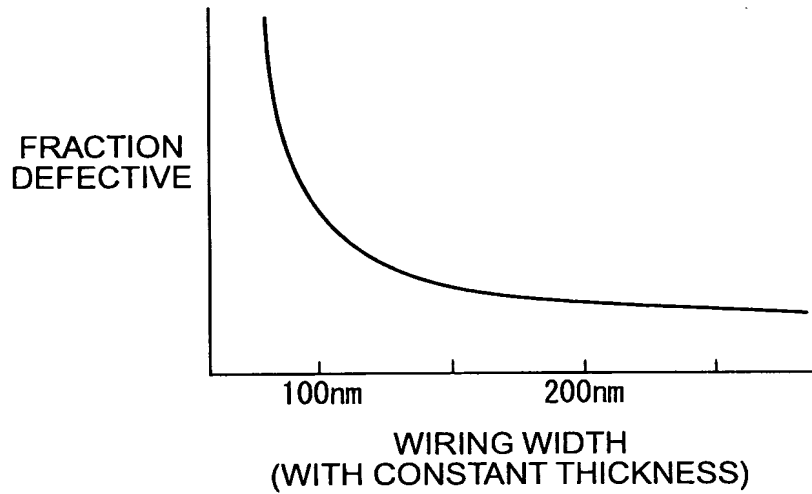


FIG. 12

TIME CONSTANT OF WIRING:  $\tau = C \text{ (WIRING CAPACITANCE)} \times R \text{ (WIRING RESISTANCE)}$

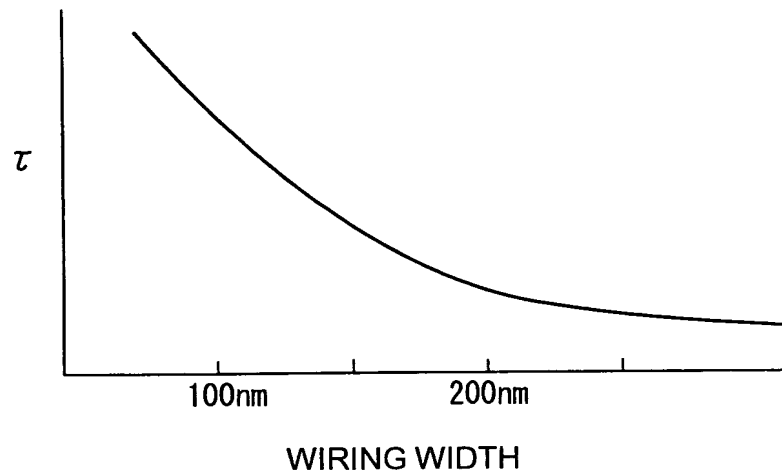


FIG. 13

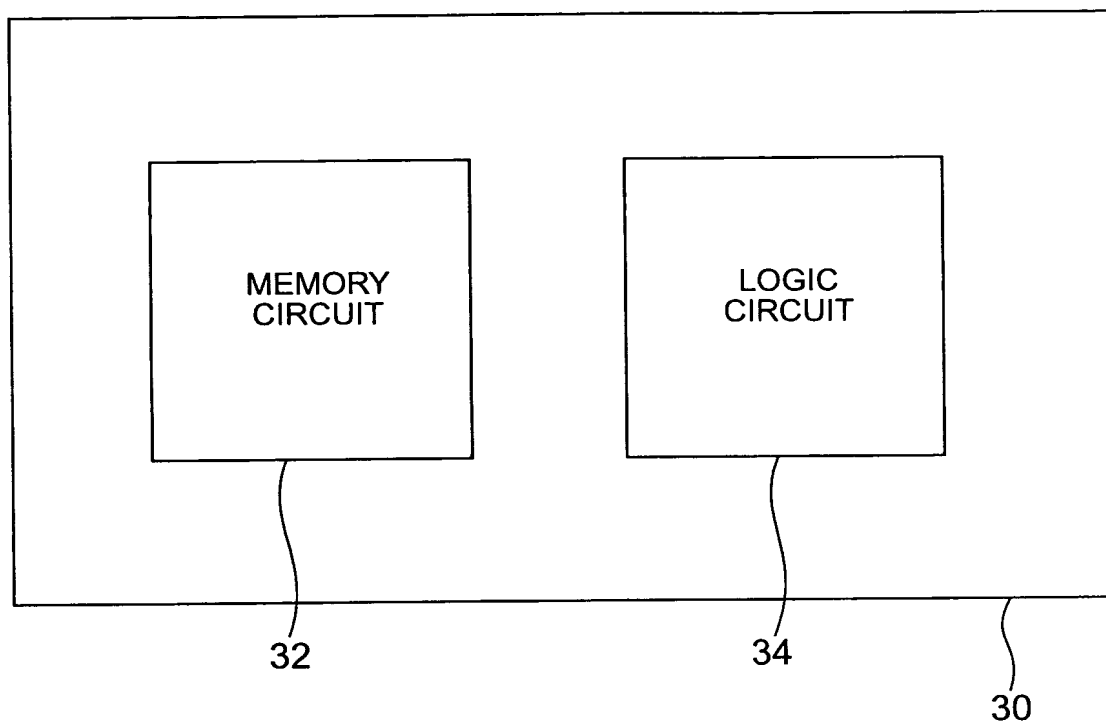


FIG. 14

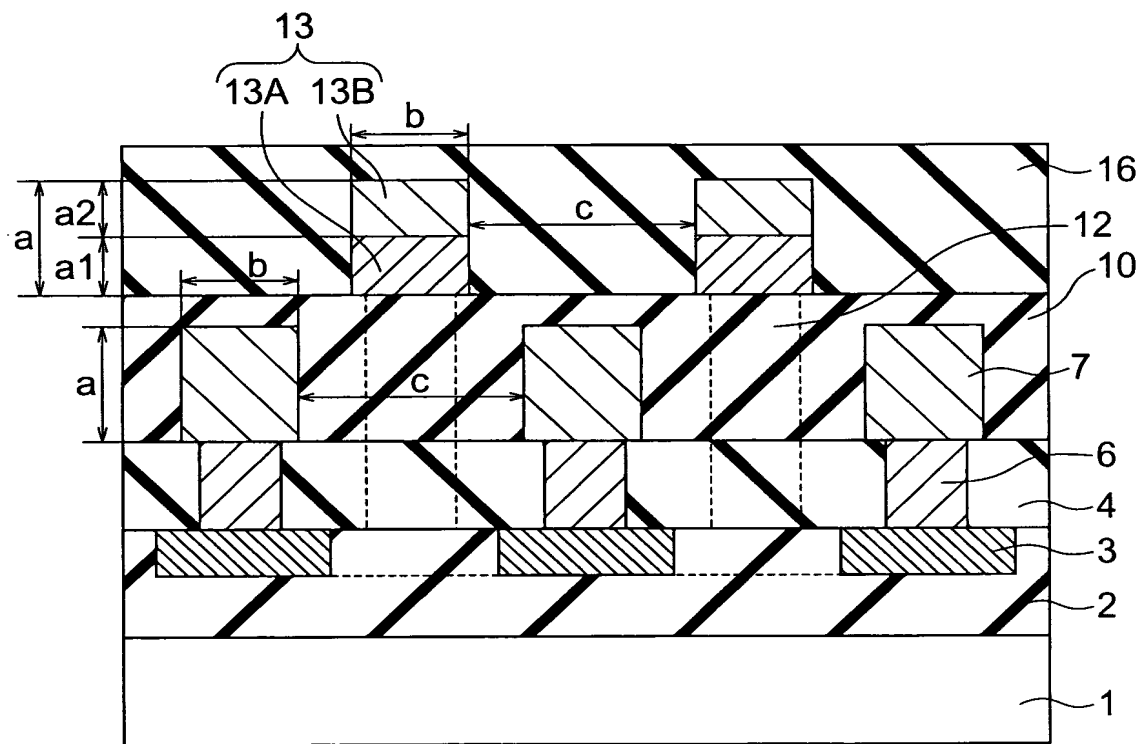


FIG. 15

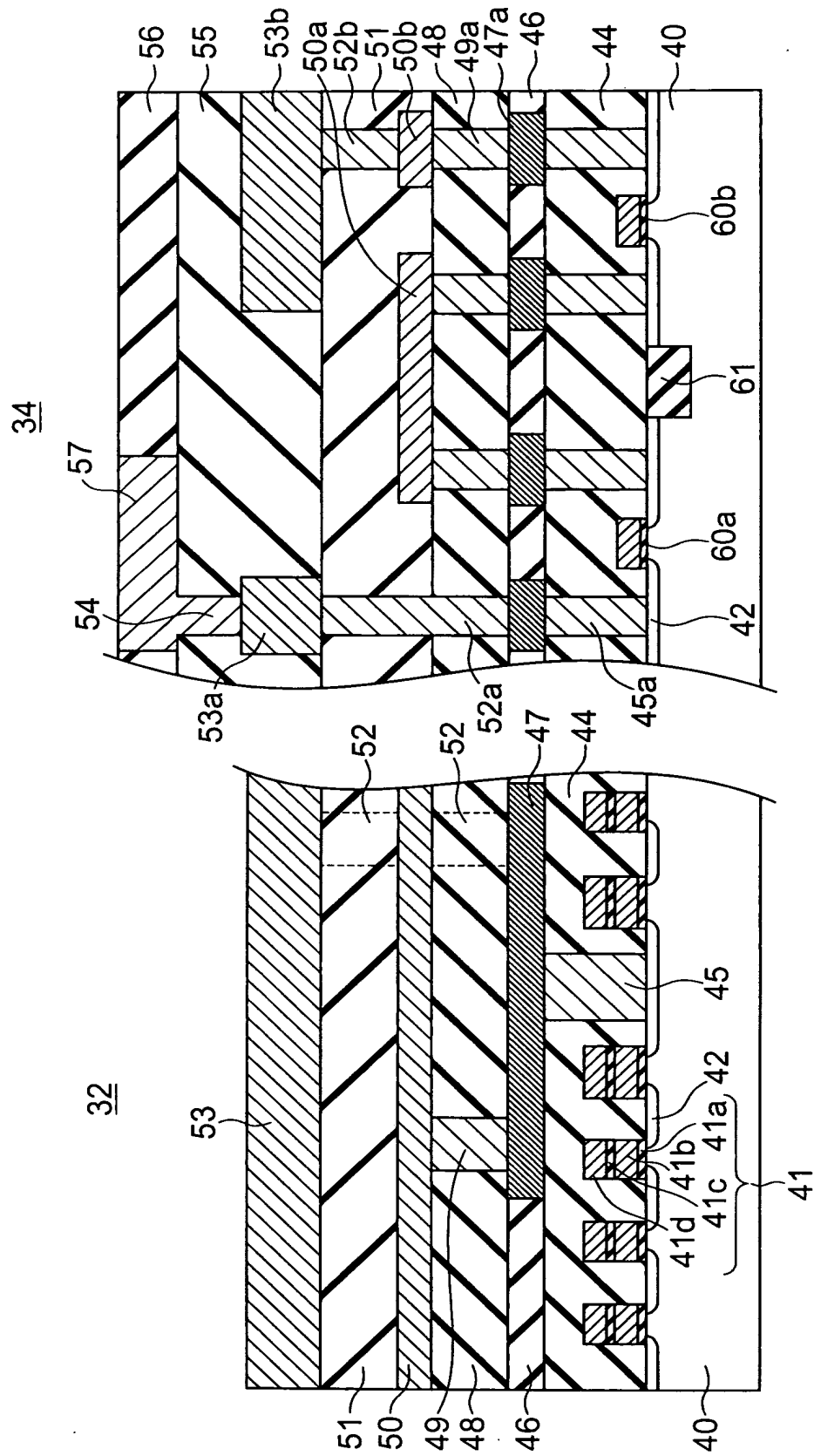


FIG. 16